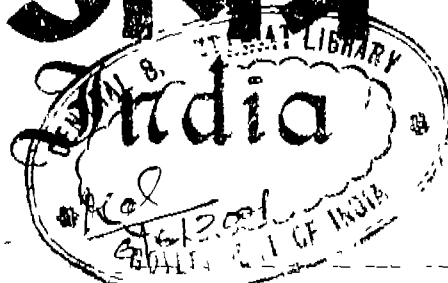


# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY



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No. 6] NEW DELHI, SATURDAY, FEBRUARY 10, 2001 (MAGHA 21, 1922)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस  
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Calcutta, the 10th February 2001

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1—457/G1/2000

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Rest of India.

Telegraphic address "PATENTS"  
Phone No. 247 4401  
Fax No. 033 247 3851.

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**पेटेंट कार्यालय**

या अभिकल्प

कलकत्ता, दिनांक 10 फरवरी 2001

पेटेंट कार्यालय को कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रमुख कार्यालय कलकत्ता में अवस्थित है तथा मुंबई, दिल्ली एवं कोलकाता में इसकी शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जेन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टाईपी इस्टेट,  
लोमना तल, मोहर परले (ए.),  
मुंबई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश  
राजस्थान, उत्तर प्रदेश एवं मध्य प्रदेश  
कर्नाटक, आंध्र प्रदेश तथा तमिल एवं  
कर्नाटक राज्य सरकारें ;

तार पता-“पेटेंटॉफिक”

फोन : 482 5092 फैक्स : 022 495 0622

पेटेंट कार्यालय शाखा

एडक सं. 401 से 405, सीकरा तल,

पेटेंट कार्यालय शाखा,

पेटेंट कार्यालय शाखा, टाईपी इस्टेट,

पेटेंट कार्यालय शाखा, टाईपी इस्टेट,

हरियाणा, हिमाचल प्रदेश, जम्मू

तथा कश्मीर, पंजाब, राजस्थान,

पेटेंट कार्यालय शाखा, टाईपी इस्टेट,

पेटेंट कार्यालय शाखा, टाईपी इस्टेट,

तार पता - “पेटेंटॉफिक”

फोन : 578 2532 फैक्स : 011 576 6204

पेटेंट कार्यालय शाखा,

विंग सी (सी-4, ए),

सीकरा तल, मोहरा तल, तमिल नगर,

चेन्नई-600090 ।

पेटेंट कार्यालय शाखा, टाईपी इस्टेट,

तथा पाण्डिचेरी राज्य क्षेत्र एवं

संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्का

तथा एशियनविब द्वीप ।

तार पता-“पेटेंटॉफिक”

फोन : 490 1495 फैक्स : 044 490 1492

पेटेंट कार्यालय (प्रधान कार्यालय)

निजाम पैलेस, विजयी बहादुरी कार्यालय

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234/A राजनीति मंदिर रोड मार्ग

कलकत्ता-700 020.

भारत का अद्वितीय क्षेत्र ।

तार पता - “पेटेंटॉफिक”

फोन : 247 4401 फैक्स : 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा उपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई भी पेटेंट कार्यालय के केवल सम्बन्धित कार्यालय में ही प्रदत्त किए जायेंगे ।

अतः, कार्यों की अदायगी या तो नकद की जायगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक में नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है ।

Calcutta-20 the 3rd January 2001

**LIST OF HOLIDAYS FOR THE YEAR 2001**

No. A-45011/1/2000—The following days have been declared as Holidays to be observed by the Patent Office, Calcutta, during the the Year 2001.

Sl. No.	Holidays & Connected Festivals	Month & Date	Days of the week
01.	Republic Day	Jan. 26th	Friday
02.	Sri Panchami/Basantpanchami	Jan. 29th	Monday
03.	Maha Shivaratri	Feb. 21st	Wednesday
04.	Idul Zuha	Mar. 6th	Tuesday
05.	Muharram	Apr. 5th	Thursday
06.	Mahavir Jayanti	Apr. 6th	Friday
07.	Good Friday	Apr. 13th	Friday
08.	Buddha Purnima	May 7th	Monday
09.	Milad-Un-Nabi or Id-E-Milad (Birthday of Prophet Mohammed)	June 5th	Tuesday
10.	Independence Day	Aug. 15th	Wednesday
11.	Mahatma Gandhi's Birthday	Oct. 2nd	Tuesday
12.	Mahashtami (Addl. Day for Dussera)	Oct. 24th	Wednesday
13.	Vijaya Dashami (Dussera)	Oct. 26th	Friday
14.	Deepawali (Diwali)	Nov. 14th	Wednesday
15.	Guru Nanak's Birthday	Nov. 30th	Friday
16.	Idul Fitr	Dec. 17th	Monday
17.	Christmas Day	Dec. 25th	Tuesday

Note : Central Govt. Organisations, which include Industrial, Commercial & Trading Establishments (i. e. other than doing work of secretarial nature) would observe 17 Holidays in a year out of which 3, namely Republic Day, Independence Day & Mahatma Gandhi's Birthday will be compulsory. The remaining 14 occasions may be determined by such Establishments/Organisations themselves on year to year basis. The dates of holidays for the Muslim Festival may be changed on sighting of the Moon and decision to be taken by the State Govt.

Dr. S. K. PAL

Asstt. Controller of Patents &amp; Designs &amp; Head of Office

## ALTERATION OF DATE UNDER SECTION 16

- 185497 (1714/Cal/98) Antedated to 11th December, 1996.  
 185498 (1715/Cal/98) Antedated to 11th December, 1996  
 185500 (1720/Cal/98) Antedated to 11th December 1996

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

## स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि मन्वद्ध आवेदनो में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छु व्यक्ति, इसके निर्दिष्ट की तिथि से चार (4) महीने या अधिक समय में अपील के उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित फॉर्म 4 पर जारी आवेदनपत्र है, एक महीने की अवधि से अधिक न हो, के भीतर कमी भी नियंत्रक एक्स के उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रारूप 7 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज की प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा निर्धारित नियम-36 के तहत यथाविहित उक्त सूचना की तिथि में 60 दिन के भीतर फाइल कर दिए जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे विवेक वर्गीकरण, भारतीय वर्गीकरण तथा अंतर्राष्ट्रीय वर्गीकरण के अंग्रेजी हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, को अर्जित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30 रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अर्जित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ प्रति 30 रुपये की अदायगी पर की जा सकती है।

Int Cl<sup>4</sup> C 08 K 5/07

185491

Ind Cl 32 (A-2)

## A STABILIZED COLORANT COMPOSITION

Applicant KIMBERLY CLARK WORLDWIDE INC OF  
 401 NORTH STREET, NEEVA WISCONSIN 54956, U.S.A

Inventors :

- (1) RONALD SINCLAIR NOIR
- (2) JOHN GAVIN MACDONALD

Application No 966/Cal/95 filed on 17-6-1995

Appropriate Office for Opposition Proceedings, (Rule 4, Patents Rules, 1972), Patent Office, Calcutta

8 Claims

A stabilized colorant composition comprising

- (a) a colorant medium
- (b) a stabilizing composition present in said colorant medium in an amount of from 0.1 to 50% by weight of said colorant medium said stabilizing composition being a compound having the formula



Wherein when R<sub>1</sub> is an aryl, group R<sub>2</sub> is a hydrogen alkyl, aryl, heterocyclic or phenyl group, the phenyl group being substituted with an alkyl, halo, amino, or hydroxyl group,

Wherein when R<sub>2</sub> is an aryl, group R<sub>1</sub> is a hydrogen alkyl, aryl, heterocyclic, or phenyl group, the phenyl group being substituted with an alkyl, halo, amino, or hydroxyl group and

Wherein when R<sub>1</sub> or R<sub>2</sub> is an aryl group substituted with one or more carbonyl, ethylene, phenyl, or vinyl substituted aryl, or vinylic groups, wherein the groups are sequentially arranged forming a chain of molecules.

Compl Specn 100 pages,

Draws 4 Sheets

Int Cl<sup>4</sup> H 04 J 3/12

185492

Ind Cl 187 H

## A TELEPHONE SYSTEM FOR TRANSMITTING SYSTEM CONTROL SIGNAL

Applicant IONICA INTERNATIONAL LIMITED OF  
 KOWLEY ROAD CAMBRIDGE, CB4 4AS, UNITED KINGDOM

Inventors

- (1) RICHARD JOHN ALBROW
- (2) SIMON ALEXANDER BROWN
- (3) LEIGH CARTER
- (4) RUPERT LESLIE VLAARER BOODINGS
- (5) PAUL MAXWELL MARTIN
- (6) NEIL PHILIP FIERCY

Application No 905/C 1/95 filed on 24/9/95

(Convention No 94187507 filed on 10/2/94 in U.K.)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta

4 Claims

A telephone communication system for transmitting system control signals, comprising a base station (6) for transmitting signals to a plurality of subscriber stations (5) and base station (6) comprising a processor means (2) and a control signal fragmentation and transmission means (4) operative to fragment system control signals into predetermined portions of different time slots within a time slot frame for

transmission, and to transmit the fragmented system control signal, the system control signal comprising at least one of a paging message addressed to a specific subscriber unit (8), a message allocating traffic channels in response to a request from a subscriber unit (8) to set-up a call, a message addressed and sent to a specific subscriber unit (8) despite no traffic channel being allocated, a list of channels available to subscriber units, and a list of time slots available for call set-up requests.

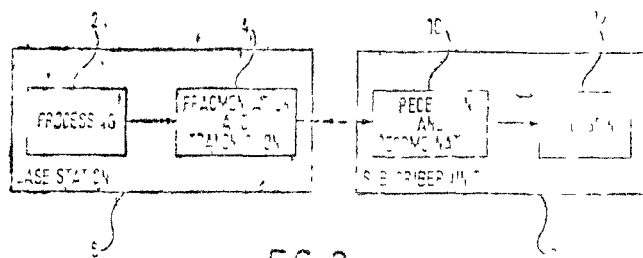
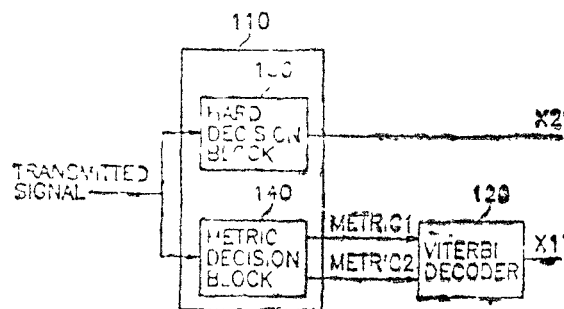


FIG. 3

A Viterbi decoder for determining the first bit of the data symbol based on the two bits metrics



Compl. Specn. 14 Pages;

Drgns. 4 Sheets.

Compl. Specn. 11 Pages;

Drgns. 3 Sheets.

Int. Cl.<sup>1</sup> : C 09 B 67/22

185494

Ind. Cl. : 32 C

A DYESTUFF MIXTURE OF WATER-SOLUBLE FIBER-REACTIVE AZO DYESTUFF.

Applicant : HOECHST AKTIENGESSELLSCHAFT OF D-659266 FRANKFURT AM MAIN, REPUBLIC OF GERMANY.

Inventors :

- (1) WERNER HUBERT RUSS.
- (2) BENGT-THOMAS GROBEL.
- (3) UWE MROTZECK.

Application No. 1530/Cal/95 filed on 27-11-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

Int. Cl.<sup>1</sup> : H 03 M - 7/02 - 7/50

185493

Ind. Cl. : 186 B

APPARATUS FOR DECODING A SIGNAL ENCODED BY USING TRELLIS CODED MODULATION.

Applicant : DAEWOO ELECTRONICS CO. LTD OF 541, 5GA, NAMADAEMOON RO, JUNGGU, SEOUL, REPUBLIC OF KOREA.

Inventor : LIM, YONG-HEE

Application No. 1520/Cal, 95 filed on 27-11-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

9 Claims

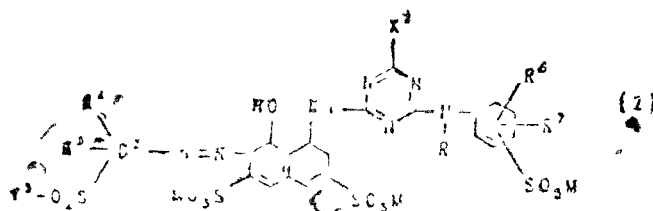
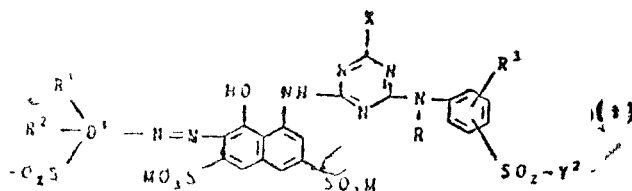
An apparatus for decoding a signal encoded by using trellis coded modulation, wherein the apparatus recovers a data symbol including a first bit and (N-1) remaining bits from a transmitted signal, wherein the first bit of the data symbol is coded by a 1/2 convolutional encoder to provide two coded bits and a modulated signal corresponding to the data symbol is selected  $2^{N+1}$  predetermined signals on a 1-dimensional axis, the amplitude of each of the predetermined signals corresponds to one of  $2^{N+1}$  combinations of the remaining (N-1) bits of the data symbol and the two coded bits, and the modulated signal is transmitted through a channel to form the transmitted signal, the apparatus comprising :

a hard decision block for deciding the (N-1) remaining bits of data symbol in response to the transmitted signal;

a metric decision block for providing two bit metrics in response to the transmitted signal wherein each of the bit metrics is a number reflecting a confidence level that each of the two coded bits "1", and

10 Claims

A dyestuff mixture comprising one or more azo dyestuffs corresponding to the formula (1) and one or more azo dyestuffs corresponding to the formula (2) in a mixing ratio of 90 : 10% by weight to 10 : 90% by weight



in which :

M is hydrogen or an alkali metal or the stoichiometric equivalent of an alkaline earth metal,

D<sup>1</sup> is the radical of a benzene or naphthalene nucleus;

D<sup>2</sup> has one of the meanings of D<sup>1</sup>;

R<sup>1</sup> is hydrogen, alkyl having 1 to 4 carbon atoms or alkoxy having 1 to 4 carbon atoms if D<sup>1</sup> or D<sup>2</sup> is the radical of a benzene nucleus, or is hydrogen or sulfo if D<sup>1</sup> or D<sup>2</sup> is the radical of a naphthalene nucleus;

R<sup>2</sup> is hydrogen, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms or sulfo if D<sup>1</sup> or D<sup>2</sup> is the radical of a benzene nucleus,

or is hydrogen or sulfo if D<sup>1</sup> or D<sup>2</sup> is the radical of a naphthalene nucleus;

R<sup>3</sup> is hydrogen, alkyl having 1 to 4 carbon atoms, or alkoxy having 1 to 4 carbon atoms;

R<sup>4</sup> is hydrogen, alkyl having 1 to 4 carbon atoms, or alkoxy having 1 to 4 carbon atoms;

R<sup>5</sup> is hydrogen, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms or sulfo;

R<sup>6</sup> is hydrogen, alkyl having 1 to 4 carbon atoms, or alkoxy having 1 to 4 carbon atoms;

R<sup>7</sup> is hydrogen, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms or sulfo;

R is hydrogen or alkyl having 1 to 4 carbon atoms;

Y<sup>1</sup> is vinyl,  $\beta$ -sulfatoethyl,  $\beta$ -thiosulfatoethyl or  $\beta$ -chloroethyl;

Y<sup>2</sup> has one of the meanings of Y<sup>1</sup>;

Y<sup>3</sup> has one of the meanings of Y<sup>1</sup>;

X<sup>1</sup> is fluorine, bromine or chlorine;

X<sup>2</sup> has one of the meanings of X<sup>1</sup>; and

the groups  $-\text{SO}_2-\text{Y}^1$ ,  $-\text{SO}_2-\text{Y}^2$  and  $-\text{SO}_2-\text{Y}^3$  are in the meta- or para-position relative to the azo group on the benzene nucleus of D<sup>1</sup> and D<sup>2</sup> or are bonded in the meta- or para-position relative to the amino group.

(Compl. Specn. 44 pages

Drg. Nil)

Ind. Cl. : 62 E

185495

Int. Cl. : D 06 F, 35/00, 37/00, 37/12

WASHING MACHINE WITH A VARIABLE PULSATOR.

Applicant : DAEWOO ELECTRONICS CO. LTD. OF 541, 5-GA NAMDAEMOON-RO, JUNG-KU, SEOUL, KOREA.

Inventor : JAE-HYUN, NA.

Application No. 195/Cal/96 filed on 5-2-96.

(Convention No. 21599-95 filed on 21-7-95 in Korea).

Appropriate Office for Opposition Proceedings (Rule 4. Patents Rules 1972), Patent Office, Calcutta.

8 Claims

A washing machine with a variable pulsator, comprising :  
a stationary tub for receiving washing water when washing ;

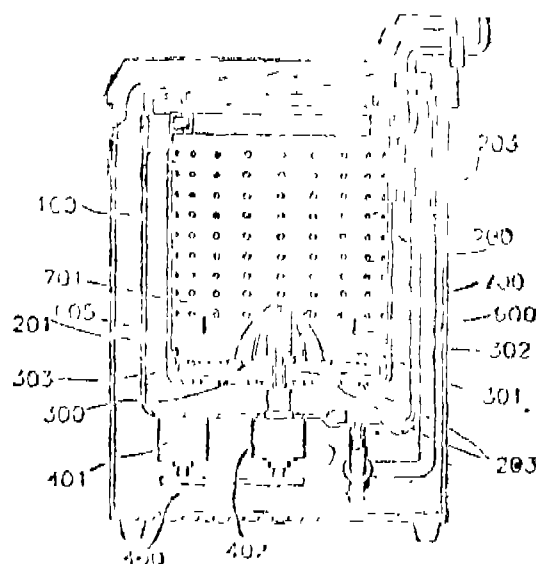
a revolving shaft disposed at the center of the bottom of a stationary tub ;

a washing tub coaxially connected with the stationary tub, the washing tub being revolvable on the revolving shaft and having plurality of washing water communication holes;

a pulsator mounted on a bottom in the washing tub, the pulsator being revolvable on the revolving shaft, and being movable up or down depending on revolving directions;

a variable pulsator disposed on the pulsator at an upper position of the revolving shaft, the variable pulsator being extended or shrunk in width depending on the upward or downward movement of the pulsator in revolution of the revolving shaft, and

a driving part for revolving the revolving shaft in order to operate the washing tub, the pulsator, and the variable pulsator.



(Compl. Specn. 16 Pages,

Drgs. 3 Sheets.)

Ind. Cl. : 49 B, 49 F, 49 H

185496

Int. Cl. : A 47 J 43/04, A 47 B 77/00

A FOOD PREPARATION WORK AREA

Applicant : TACO BELL CORP. OF 17001 VON KARMAN, IRVINE, CA 92714, U.S.A.

Inventors :

- (1) RICK C. WINFREE.
- (2) BILL A. SAUNDERS.
- (3) DONALD HYATT.
- (4) DRIC L. ROSE.
- (5) MICAH TSERN.

Application No. 285/Cal/98 filed on 23-2-98.

(Convention No. 60/038,653 filed on 21-2-1997 in U.S.A.).

Appropriate Office for Opposition Proceedings (Rule 4. Patents Rules, 1972), Patent Office, Calcutta.

31 Claims

A food preparation work area comprising a first section (3), a second section (5) lying generally normal to the first section (3), and a third section (7) positioned next to and extending away from the second section (5), a heated storage

compartment positioned on one of the sections, and a cooled storage compartment positioned on another one of the sections.

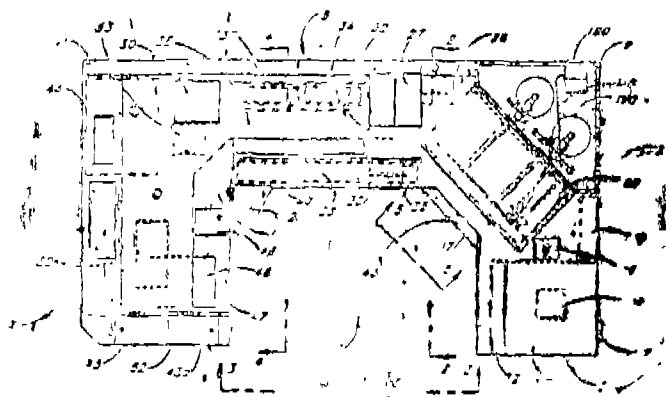


FIG. 7

Compl. Specn. 24 Pages;

Drgns. 12 Sheets.

Int. Cl.<sup>4</sup> : C 07 D 311/08

185497

Ind. Cl. : 32 F 3 (a)

**A PROCESS FOR SYNTHESIZING WARFARIN ALKALI SALT FROM 2-HYDROXYACETOPHENONE.**

Applicant : HOECHST CELANESE CORPORATION OF 202-206 NORTH, SOMERVILLE, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors :

- (1) IBRAHIM M. UWAYDAH.
- (2) MOHAMAD ASLAM.
- (3) CHARLES H. BROWN II.
- (4) SHARON R. FITZHENRY.
- (5) JOSEPH A. MCDONOUGH.

Application No. 1714/Cal/98 filed on 23-9-98.

(Convention No. 60/009,416 filed on 28-12-95 in USA and 08/651,599 filed on 22-5-96 in USA).

(Divided out of No. 2136/Cal/96 antedated to 11-12-96).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

#### 5 Claims

Process of synthesizing, from 2-hydroxyacetophenone, the compound warfarin alkali salt, comprising :

- (a) reacting 2-hydroxyacetophenone, carbonate ester, and effective base;
- (b) removing hydroxyl-functionalized species formed by ester hydrolysis;
- (c) treating the result of (b) with a suitable polar liquid;
- (d) treating the result of (c) to place its pH within the range of about 1 to about 2;
- (e) separating the resulting precipitate and removing residual acid from the precipitate to achieve an about neutral pH;
- (f) reacting the precipitate of (e) with effective unsaturated ketone, such as herein described in a protic solvent in which warfarin product is insoluble, and in presence of effective phase-transfer catalyst;
- (g) treating the result of (f) with solvent to extract the warfarin product;

(h) removing the protic solvent layer and concentrating the warfarin-bearing solvent layer as needed to allow warfarin crystallization;

(i) separating solid warfarin;

(j) treating the result of (i) with effective alkali, alkoxide, hydroxide, or combination;

(k) removing other organic solvents and drying to separate warfarin alkali salt.

Compl. Specn. 16 Pages;

Drgns. Nil.

Int. Cl.<sup>4</sup> : C 07 D 311/08

185498

Ind. Cl. : 32 F 3 (a)

**SYNTHESES OF WARFARIN BASED ON 2-HYDROXY-ACETOPHENONE.**

Applicant : HOECHST CELANESE CORPORATION OF 202-206 NORTH, SOMERVILLE, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors :

- (1) UWAYDAH IBRAHIM M.
- (2) ASLAM MOHAMMAD.
- (3) BROWN CHARLES H. II.
- (4) FITZHENRY SHARON R.
- (5) MCDONOUGH JOSEPH A.

Application No. 1715/Cal/98 filed on 23-9-98.

(Convention No(s) 60/009416 and 08/651599 filed on 28-12-95 and 22-5-96 respectively in U.S.A.).

(Divided out of No. 2136/Cal/96 antedated to 11-12-96).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

#### 5 Claims

Process of synthesizing, from 2-hydroxyacetophenone, the compound warfarin, comprising :

- (a) reacting 2-hydroxyacetophenone, carbonate ester, and effective base;
- (b) removing hydroxyl-functionalized species formed by ester hydrolysis;
- (c) treating the result of (b) with a suitable polar liquid;
- (d) treating the result of (c) to place its pH within the range of about 1 to about 2;
- (e) separating the resulting precipitate and removing residual acid from the precipitate to achieve an about neutral pH;
- (f) reacting the precipitate of (e) with effective unsaturated ketone, such as herein described in a protic solvent in which warfarin product is insoluble, and in presence of effective phase-transfer catalyst;
- (g) treating the result of (f) with solvent to extract the product; and
- (h) removing the protic solvent layer and concentrating the product-bearing solvent layer as needed to allow warfarin crystallization.

Compl. Specn. 15 Pages;

Drgns. Nil.

Int. Cl.<sup>4</sup> : E 04 D 29/38,

B 24 D 31/00, B 64 C 27/04, 27/46

185499

Ind. Cl. : 4 B

**A COMPOSITE SPAR FOR A HELICOPTER ROTOR BLADE AND A METHOD FOR MANUFACTURING THE SAME.**

Applicant : UNITED TECHNOLOGIES CORPORATION,  
OF SIKORSKY AIRCRAFT CORPORATION, 630 MAIN  
STREET, P.O. BOX 9729, STRUTHERS, CALIF. 94568  
06497-9129, U.S.A.

Inventors :

- (1) REINFELDER WILLIAM CARL,
- (2) KOVALSKY DAVID ANDREW,
- (3) JONES COREY DAVIS,
- (4) PURSE JEFFRY CHARLES,
- (5) DEGNAN WILLIAM.

Application No. 987/Cal/95 filed on 22-8-85.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

## 26 Claims

A composite spar (10) for a helicopter rotor blade (6), the composite spar being composed of composite laminates, and defining upper and lower sidewall region (40, 42) and flapwise bending axis (54) and longitudinal axis (25) characterised in that :

said composite spar (10) has forward and aft conic regions (45, 47);

said composite laminates have a combination of high and low modulus composite fibres disposed in a binding matrix, and comprise :

crossply laminates (60) in each of the upper and lower sidewall regions (40, 42) having end portions (62<sub>a</sub>, 62<sub>b</sub>) extending into the forward and aft conic regions (45, 47) respectively, said end portions (62<sub>a</sub>), of said crossply laminates

(60) in said upper sidewall region (40) overlapping said end portions (62<sub>a</sub>) of said crossply laminates (60) in said lower sidewall region (42) to form structural joints, in the forward and aft conic regions (45, 47) said structural joints operative to integrate said crossply laminates (60),

said crossply laminates having high modulus composite fibres being oriented within a range of  $\pm 42^\circ$  to  $\pm 38^\circ$  to relative to the longitudinal axis (25); and at least one unidirectional laminate (70) in each of the upper and lower sidewall regions (40, 42) interposed between said crossply laminates (60), said unidirectional laminate (70) comprising combination of high and low modulus composite fibres being oriented substantially parallel to the longitudinal axis (25);

said structural joints being located in a region of low stress relative to the flapwise bending axis (54) and said unidirectional laminate (70) being located in a region of high bending stress relative to the flapwise bending axis (54) for providing maximum bending strength;

said crossply laminate (60) providing combined torsional and axial strength relative to the flapwise bending axis (54) and longitudinal axis (25), and said fiber orientation thereof providing thermal;

compatibility with an interposed unidirectional laminate (70); and

said low modulus composite fibres of said unidirectional laminate (70) providing enhanced damage tolerance.

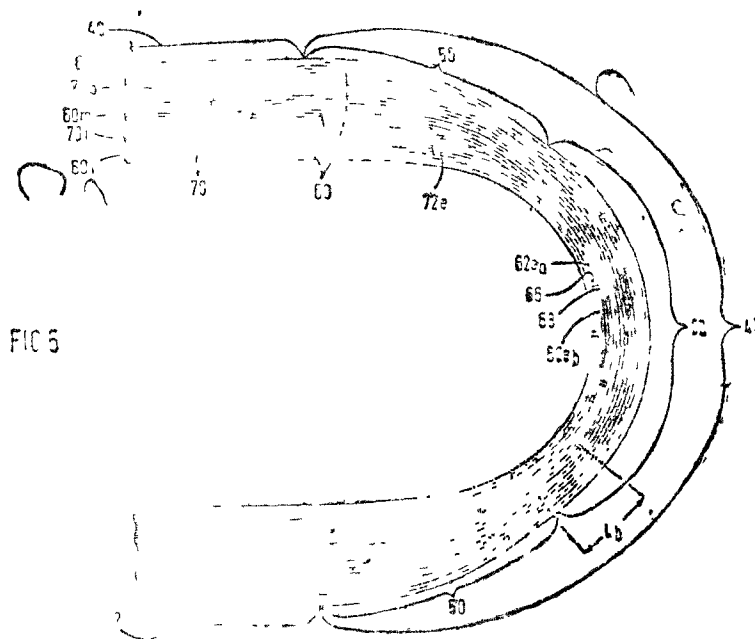


FIG 5

Compl. Specn. 40 Pages;

Drgns. 11 Sheets.

Int. Cl.<sup>4</sup> : C 07 D 311/08

185500

Ind. Cl. : 32 F 3 (a)

SYNTHESSES OF WARFARIN-ALKALI SALT-ISOPROPYL ALCOHOL COMPLEX BASED ON 2-HYDROXYACETOPHENONE.

Applicant : HOECHST CELANESE CORPORATION OF 202-206 NORTH SOMERVILLE, NEW JERSEY UNITED STATES OF AMERICA.

Inventors

- (1) IB? HIM M UWAYHAD.
- (2) MO'AMMAD ALSAM
- (3) CHARLES H. BROWN II.
- (4) SHAON R. FITZHENRY.
- (5) JOSEPH A. MCGONOUGH.

Application No. 1720/Cal/98 filed on 23-9-98.

(Convention No(s). 60/009,416 filed on 28-12-95 and 08/651,599 filed on 22-5-96 in U.S.A.).

(Divided out of No 2136/Cal/96 antedated to 11-12-96).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta

#### 8 Claims

Process for synthesizing, from 2-hydroxyacetophenone, the compound warfarin-alkali salt-isopropyl alcohol complex, comprising :

- reacting 2-hydroxyacetophenone, carbonate ester, and effective base;
- removing hydroxy-functionalized species formed by ester hydrolysis;
- treating the result of (b) with a suitable polar liquid;
- treating the result of (c) to place its pH within the range of about 1 to about 2;
- separating the resulting precipitate and removing residual acid from the precipitate to achieve an about neutral pH;
- reacting the precipitate of (e) with effective unsaturated ketone, such as herein described in protic solvent in which warfarin product is insoluble, and in presence of effective phase-transfer catalyst;
- treating the result of (f) with solvent to extract the warfarin product;
- removing the protic solvent layer and concentrating the warfarin product-bearing solvent layer as needed to allow warfarin crystallization;
- separating solid warfarin;
- treating the result of (i) with effective alkali, alkoxide, hydroxide, or combinations;
- removing other organic solvent and drying to separate warfarin alkali salt;
- treating the result of (k) with isopropyl alcohol; and
- separating warfarin-alkali salt-isopropyl alcohol complex.

Compl. Specn. 17 Pages;

Drgns. Nil.

Ind. Cl. : 94G; 77B-1

185501

Int. Cl.<sup>4</sup> : B01D 11/02

#### A DEVICE FOR EXTRACTION OF OIL FROM OIL SEEDS.

Applicant : (1) OM PRAKASH KAPOOR, (2) VINOD KUMAR KAPOOR, (3) ANIL KUMAR KAPOOR, (4) PRADIP KUMAR KAPOOR, OF 446 INDUSTRIAL AREA B, LUDHIANA-141003, INDIA. INDIAN NATIONALE, ALL TRADING AS ASHOKA ENGINEERING CORPORATION.

Inventors :

- OM PRAKASH KAPOOR, INDIA.
- VINOD KUMAR KAPOOR, INDIA.
- ANIL KUMAR KAPOOR, INDIA.
- PRADIP KUMAR KAPOOR, INDIA.

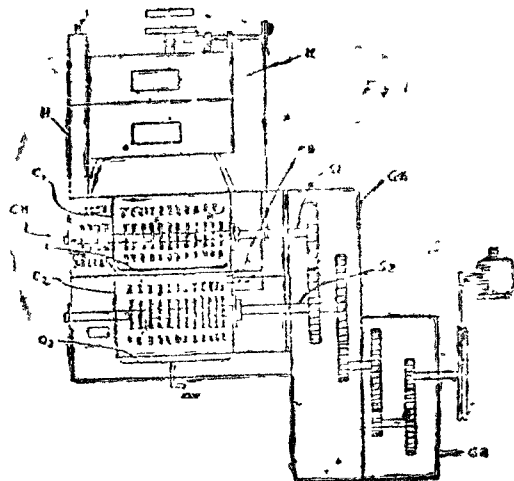
Application for Patent No. 08 / Del/91 filed on 09.09.91

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110005.

#### 4 Claims

A device for oil extraction from oil seeds comprising, a feeding hopper (H) provided for feeding stoved seeds to the crusher assembly (CH), characterised in that a rotatable stove

chamber being mounted above said feeding hopper for pre-treating the seeds therein and said crusher assembly comprises a rotatable upper and lower crusher chambers ( $C_1C_2$ ) wherein stoved seeds being crushed in stages, a single motor (M) drive being connected to the shafts ( $S_1S_2$ ) of said upper and lower crusher chambers with gear means (GR, GB) for reducing load on the device.



Compl. Specn. 9 Pages;

Drgn. Sheet 1.

Ind. Cl. : 29 A.

185502

Int. Cl.<sup>4</sup> : G 01D 1/16.

#### AN APPARATUS FOR CONTROLLING EXTERNAL DISTURBANCES IN A PROCESS.

Applicant : KABUSHIKI KAISHA TOSHIBA, A JAPANESE COMPANY, OF 72, HORIKAWACHO, SAIWAIKU, KAWASAKI-SHI, KANAGAWA-KEN, JAPAN.

Inventor : KAZUO HIROI—JAPAN.

Application for Patent No. : 844/Del/91 filed on 10-09-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110 005.

#### 7 Claims

An apparatus for controlling external disturbances in a process, said apparatus comprising target variable filter means for generating a computed target variable to perform a compensation control operation; deviation operation means for computing a deviation between the process variable and the computed target variable inputted from the target variable filter means; and main control means for performing at least proportional and integral control operations on the computed deviation between the process variable and the computed target variable inputted from the deviation operation means;

characterized by target variable control means provided between said target variable filter means and said deviation operation means for changing the input into the deviation operation means from the computed target variable to the given target variable when the deviation is less than a predetermined value or gradually, at a predetermined speed rate, after said deviation has become less than a predetermined value.

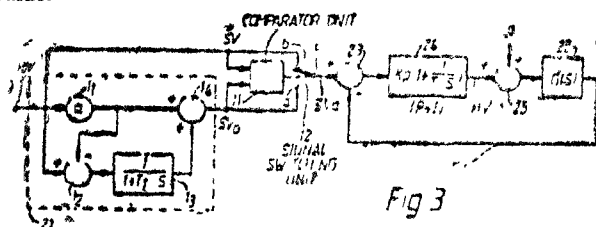


Fig 3

(Compl. Specn. : 26 pages;

Drgns. : 7 sheets)

Ind. Cl. : 68 B.

185503

Int. Cl.<sup>4</sup> : H 01B 7/00.

A HOUSING BASE FOR HIGH VOLTAGE EQUIPMENT GAS + INSULATED IN A METAL HOUSING, IN PARTICULAR EQUIPMENT FOR CONNECTING CABLES.

Applicant : GEC ALSTHOM SA, A FRENCH BODY CORPORATE 38, AVENUE KLEBER-75116 PARIS, FRANCE.

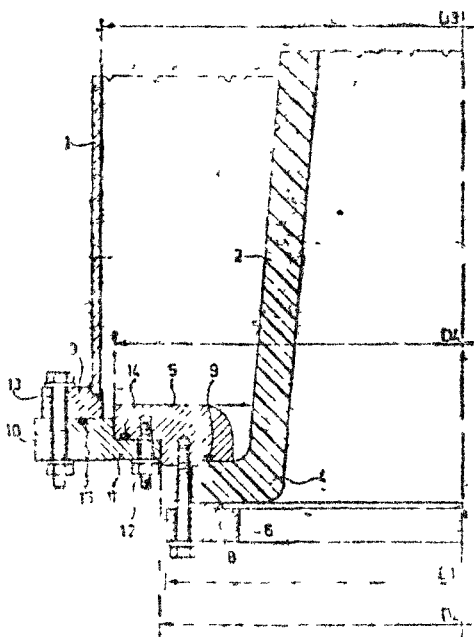
Inventor : JLAN-MARIE DELCOUSTAL—FRANCE.

Application for Patent No. : 1153/Del/91 filed on 25-11-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patent's Rules, 1972), Patent Office Branch, New Delhi-110 005.

## 7 Claims

A housing base for high-voltage equipment gas-insulated in a metal housing, (1) in particular electrical equipment for connecting cables, comprising an adapter member (5, 10) bolted to a peripheral (3) flange of said housing (1) with a seal (8) there between said adapter member (5, 10) clamping at least one cable insulator (4) base by screwing to a lower holding (6) part with seals (8, 9) there between, said adapter member (5, 10) comprising at least two concentric (5, 10) parts joined together demountably and sealed together, a first concentric (5) part clamping said insulator base (4) and a second concentric (10) part being annular and joined to said flange (3) of said housing (1).



(Compl. Specn : 9 pages;

Drgn. 1 sheet)

Int. Cl. : 27 D L

185504

Int. Cl.<sup>4</sup> : F 02 D 5/00, 27/12

AN IMPROVED PROCESS FOR THE FORMATION OF A MINI GROUTED PILE FOR REINFORCEMENT OF WEAK SOILS

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJ MARG NEW DELHI-110 001, INDIA.

2-457 GI/2000

Inventors

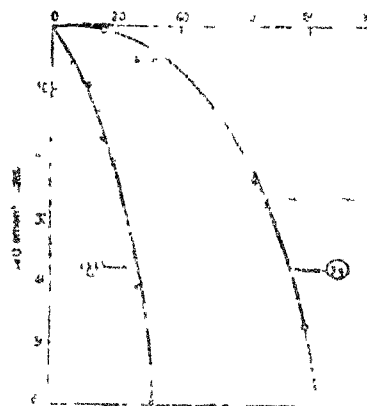
1. BHAGWAN GOVIND RAO—INDIA
2. ASHOK KUMAR SHARMA—INDIA

Application for Patent No. : 1157/Del/91 filed on 26-11-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patent's Rules, 1972), Patent Office Branch, New Delhi-110 005.

## 7 Claims

An improved process for the preparation of mini grouted pile having the diameter ranging from 100—250 mm, for reinforcement of weak soil which comprises preparing plurality of drilled holes, preparing a column of grout inside the said holes to provide plurality of mini grouted piles, said piles being provided with a reinforcement in the form of a deformed steel bar, an around skirt of rigid material such as herein described being provided to the said soil column at its upper end and around its periphery, the depth of the said skirt varying between one fourth to one third of the length of the said column of mini grouted piles, the top of the said piles being provided with a footing for better load distribution, the said reinforcement protruding from the top of the said piles which connects them with the footing.



Compl. Specn. : 25 pages;

Drgns. : 5 sheets)

Ind. Cl. : 56 A.

185505

Int. Cl.<sup>4</sup> : B 01 D 3/00.

PROCESS AND APPARATUS FOR THE DISTILLATION OF AIR TO PRODUCE GASEOUS OXYGEN UNDER VARIABLE OPERATING CONDITIONS.

Applicant : L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCÉDES GEORGES CLAUDE, A FRENCH BODY CORPORATE, OF 75, QUAI D'ORSAY-75321 PARIS CEDEX 07 (FRANCE).

Inventor : BERNARD DARREDEAU—FRANCE.

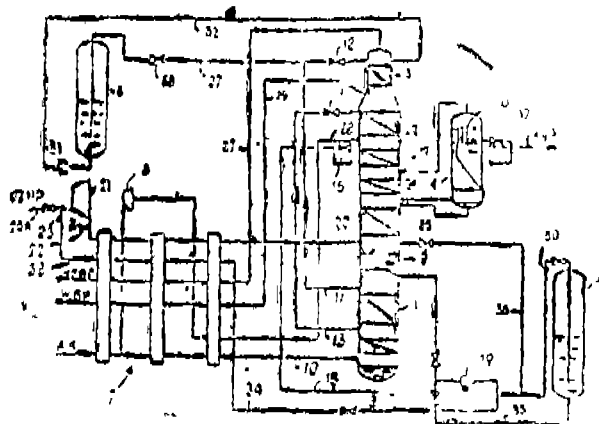
Application for Patent No. : 1164/Del/91 filed on 27-11-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patent's Rules, 1972), Patent Office Branch, New Delhi-110 005.

## 8 Claims

Process for distillation of air to produce gaseous oxygen under variable operating conditions, by means of a double column apparatus wherein air to be separated by distillation is compressed and introduced at the bottom of the main pressure column, liquid rich in oxygen is withdrawn from

the bottom of the mean pressure column, a portion of said liquid is after expansion introduced into the low pressure column and remaining portion of said liquid is after expansion vaporised in a condenser, said vaporised portion being introduced into the low pressure column, characterised by passing liquid oxygen from the low pressure column of the double column to a first storage container and introducing liquid nitrogen from a second storage container to a double column when the demand for gaseous oxygen is lower than mean value passing liquid oxygen bled in the first storage container into the low pressure column and simultaneously passing a corresponding quantity of condensed nitrogen in the second storage container when the demand for gaseous oxygen is higher than the mean value, compressed oxygen in gaseous state is passed into the head exchange line of the apparatus to produce additional liquid nitrogen gaseous when the demand of oxygen is lower than the mean value, the flow of liquid nitrogen injected into the double column being corresponding reduced



(Compl Specn 15 pages; Drgn 1 sheet)

Ind. Cl. : 129 G

185506

Int. Cl.<sup>4</sup> : H 01 H, 4/14

#### AN IMPROVED PROCESS FOR THE PREPARATION OF WELDED ELECTRICAL COMPONENTS.

Applicant . COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors .

1. RANJIT SINGH SOLANKI—INDIA
2. ASIM KUMAR SINGH—INDIA
3. KUNAL BASU—INDIA

Application for Patent No. . 1235/Del/91 filed on 16-12-91.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

4 Claims

An improved process for the preparation of welded electrical components which comprises cutting and machining the ends of the ETP copper pieces to be welded to prepare a V-joint having single or double gradient in the range of 30° to 90°, cleaning the edges thoroughly by known mechanical and chemical methods applying a thin uniform coating of known flux on the edges thoroughly by known mechanical and chemical methods applying a thin uniform coating of known flux on the edges covering the pre-heated pieces with thermal insulating material to minimize heat loss, welding the pieces by known GMAW process using known

filler material, and adjacent area of the pieces to be welded, characterised in that welding is carried out by placing the said pieces onto a non-consumable graphite backing having 2-3 mm root opening, on graphite backing, pre-heating the pieces to a temperature in the range of 650 to 720°C

(Compl. Specn 9 pages,

Drgn 1 sheet)

Ind. Cl 27 G, 186 A

185507

Int. Cl.<sup>4</sup> : E 04 G 9100, 21/26

#### A FORMWORK PANEL HAVING AT THE EDGES THEREOF EDGE WEBS.

Applicant PACHAL-WERK G, MAIER GMBH, OF KREUZBUHL STRASSE 5, D-7619 STFINACH, GERMANY.

Inventor JOHANN BADSTIEBER—GERMANY.

Application for Patent No. : 57/Del/92 filed on 29-1-92

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005

9 Claims

A formwork panel (1) having at the edges thereof webs (3) which project substantially at right angles to a forming surface (2) thereof and are flat, the cross section of said edge webs running from said forming surface (2) to a free edge, said cross-sectional course of said edge webs being directed away from the forming surface (2) at least at said free edge and said free edge limiting the greatest width of the edge web (3), in the position of use the edge webs having lying indirectly or directly there against the edge webs (3) of adjacent formwork panels (1) and being engaged by connecting means (4) for fastening together the edge webs (3) lying against one another, characterised in that said one edge web (3) having a longitudinal edge (6), is seated against in aligned longitudinal edge (7) of an adjacent said edge web (3) of an adjacent formwork panel and said edge webs (3) adjacent to said seated aligned edges (6, 7) thereof are recessed away from each other so that each said edge web is provided with a recessed area (5) directed towards centre of each respective formwork panel (1), each said edge web (3) beyond said recessed area (5) thereof being oppositely oriented to provide a flute or bead (8) thereat which is open towards the centre of said formwork panel (1).

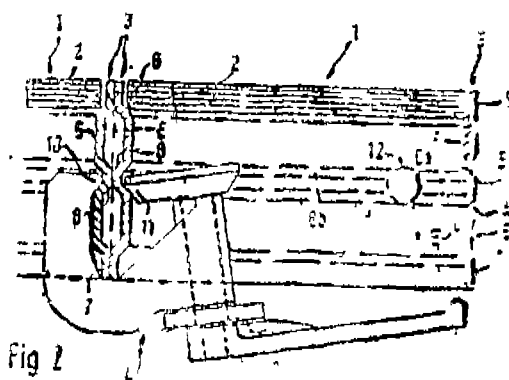


Fig 1

(Compl. Specn 16 pages,

Drgn. 1 sheet)

Ind Cl 170 A

185508

Int Cl.<sup>4</sup> : C 11 D 9/00

#### A SOAP BAR COMPOSITION

Applicant THE PROCTER & GAMBLE COMPANY, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO, UNITED STATES OF AMERICA

Inventors :

1. FRANCISCO ANTONIO PICHARDO—U.S.A.
2. JAMES EDWARD KALETA—U.S.A.

Application for Patent No. : 78/Del/92 filed on 04th Feb., 92

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

A soap-bar composition, comprising:

- (a) from 75% to 85% by weight of a substantially water-soluble non-lithium mixed C<sub>12</sub>-C<sub>18</sub> fatty acid soap;
- (b) from 1% to 10% by weight of a polyhydroxy fatty acid amide surfactant;
- (c) the balance being water and optional conventional components.

Comp. Specn. : 26 pages;

Draw. : all sheet

Int. Cl. : B62D 1/20 1/18.

185589

Int. Cl. : B34D

VEHICLE STEERING COLUMN

Applicant : THE TORRINGTON COMPANY LIMITED, A BRITISH COMPANY, OF TORRINGTON AVENUE, COVENTRY, WARWICKSHIRE CV4 9AE, ENGLAND

Inventor : NICHOLAS HENRY-MOORE—ENGLAND

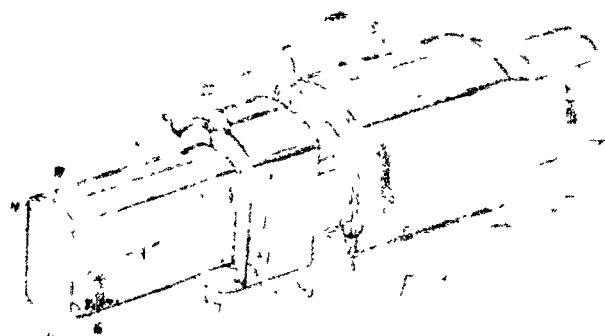
Application for Patent No. : 109/Del/92 filed on 10-2-92

Convention Application No. : 9103518.8/England/20-2-92

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

5 Claims

A vehicle steering column incorporating an adjustable clutch facility and coupling means to absorb rotational backlash between a first and second part connected thereby while transmitting torque through the two parts, said coupling means comprising a torsion bushing having integral first, second and third zones contiguous with each other, the said first and second zones being flexibly connected by the said third zone and the said first and second zones being angularly offset one from the other.



Comp. Specn. : 10 pages.

Draw. : all sheet

Int. Cl. : B32C.

185590

Int. Cl. : B 01 D—59/44.

AN APPARATUS FOR SPECTROMETRICALLY MEASURING AN ISOTOPIC GAS.

Applicant : OTSUKA PHARMACEUTICAL CO., LTD., A CORPORATION ORGANISED UNDER THE LAWS OF JAPAN, OF 6 KANDATSUKASACHO-CHO-2CHOME, CHUYODA-KU, TOKYO 101, JAPAN.

Inventors :

1. YASUHIRO KUBO—JAPAN
2. KATSUHIRO MORISAWA—JAPAN
3. YASUSHI ZASU—JAPAN
4. EUI IKEGAMI—JAPAN
5. KAZUNORI TSUTSUMI—JAPAN
6. TAMOTSU HAMAMASA AKI MORI—JAPAN
7. TAKASHI MARUYAMA—JAPAN

Application for Patent No. : 2163/Del 96 filed on 10-10-96.

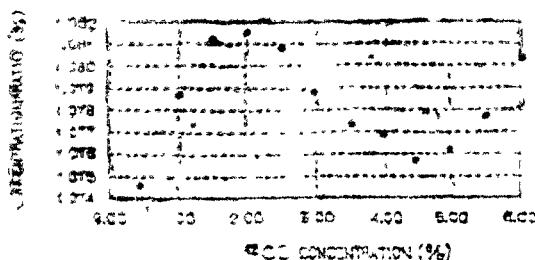
Convention date 14 Mar 96/8058052/JP, 23 January 96/8009545/JP, 1st December 95/7314490/JP, 11th October 95/7263305/JP, 9th October 95/7261746/JP, 11th October 95/7263304/JP, 9th October 95/7261745/JP and 9th October 95/7261744/JP.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

An apparatus for spectrometrically measuring an isotopic gas, which is adapted to determine concentrations of a plurality of component gases in a gaseous test sample by introducing the gaseous test sample into two cells, then measuring intensity of light transmitted through the gaseous test sample at wavelengths suitable for the respective component gases and processing data of the light intensity, characterized in that the two cells for receiving the gaseous test sample introduced therein are disposed in parallel along light paths between a light source and a photoreceptor and have different lengths and a reference cell filled with a reference gas having no absorption at the wavelengths for measurement is disposed between a shorter one of the two cells and the photoreceptor or between the light source and the shorter cell. The apparatus includes a gas injection means for sucking therein the gaseous test sample and then injecting the gaseous test sample into the cell by mechanically pushing out the gaseous test sample at a constant rate during measurement of light intensity.

(PRIORITY)



Comp. Specn. : 11 pages.

Draw. : 24 sheets

## OPPOSITION PROCEEDINGS UNDER SECTION 25

An opposition has been entered by M/s. Indian Space Research Organization Karnataka to the grant of a patent an application No. 184252 (60/Mas/94) dated 1st February, 1994 made by M. s. Qualcomm Inc U.S.A.

An opposition has been entered by M/s. Crompton Greaves Limited, Mumbai to the grant of patent on application No. 184271 (728/Cal/94) dated 9th November, 1995, made by M/s. Orient General Industries Limited, Calcutta.

## CESSATION OF PATENTS

180689 181276 182286

## PATENT SEALED ON 12-01-2001

184175\* 184176\* 184178\* 184180\*D 184184\*D 184185\*F  
184186\*D 184187\*D 184189\*D 184190\*D 184195\*

CAL—01, DEL—NIL, MUM—NIL, CHEN—10

Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents

F—Food Patents

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries in the date of the registration included in the entries.

Class 1 No. 182005 & 182006. Premi Udyog, a registered partnership firm of 52, Mittal court-A, Nariman Point, Mumbai-400021, Maharashtra State, India, 4 High Power Motors Pvt. Ltd. of 52, Mittal court-A, Nariman Point, Mumbai-400021, Maharashtra State, India. "CELLING FAN". 31st March 2000.

Class 1 No. 182440. Prem Industries.---Sherpur, Ludhiana (Pb.) India, an Indian Proprietorship firm. "HANDLE-HOLDER FOR HAND PUMP". 24th May 2000.

Class 1 No. 182443. Prem Industries. Sherpur, Ludhiana, (Pb.) India, an Indian Proprietorship firm. "HANDLE FOR HAND PUMP". 24th May 2000.

Class 1, No. 183050. Kirti Patel, an Indian national residing at Capital compound Loteshwar Bhagol, Anand-388001. "PAPAD MANUFACTURING MACHINE". 31st July 2000.

Class 1 No. 183480. Kirloskar Copeland Limited, an Indian Company 1202/1, Ghole Road, Pune-411005, Maharashtra, India. "COMPRESSOR". 20th September 2000.

Class 1 No. 183433. Intertractor GmbH, Hagener Str. 325, D-58285 Gevelsberg, Germany, a German Company. "TOOTH CAP FOR CONSTRUCTION MACHINERY". 15th September 2000.

Class 1 No. 183409. Anand Parikh, an Indian National Altview, 7 Altamount Road, City of Mumbai-400026, Maharashtra, India. "WATER PURIFIER". 12th September 2000.

Class 3 No. 182052. Khaitan (India) Ltd. an Indian Company 46-C, Jawaharlal Nehru Road, Calcutta-700071, W.B. India. "CELLING FAN". 7th April 2000.

Class 3 No. 182843. Freeman's Measures Ltd. G.T. Road, Jugiana Road, Ludhiana-141126, Punjab, India, an Indian Company, "TIE HANGER". 11th July 2000.

Class 3 No. 182946. Crystal Plastics & Metallizing Pvt. Ltd. an Indian Company of Singh House, Plash Gall, off Veer Savarkar Marg, Prabhadevi, Mumbai-400025, State of Maharashtra, India. "COMB". 19th July 2000.

Class 3 No. 183033. T.V. Pradeep, an Indian National Company of Velsons Industries of 213, Hiranandani Industrial Estate, Kaniur Marg, (W), Mumbai, Maharashtra, India. "TORCH". 27th July 2000.

Class 3 No. 183038. K. K. Electricals of L-259 Laxman Puri, Multani Dhandra, Pahar Ganj, New Delhi-110055, an Indian Company. "GEYSER". 28th July 2000.

Class 3 No. 183261. Subhash Narayan Mhatre, Indian National of 1203, B-Wing, Bhavani Tower, HT Powai, Behind Petrol Pump, Powai, Mumbai-400076, Maharashtra, India. "MOSQUITO REPELLENT WITH NIGHT LAMP". 22nd August 2000.

Class 3 183404. Symphony Comfort Systems Ltd., an India Company Sanskrut, High Court Road, Navrangpura, Ahmedabad-380009, Gujarat State, India. "DESERT AIR COOLER". 12th September 2000.

Class 3 No. 183423. M/s. Joyo Plastics, an Indian Partnership firm of 15-A/F, New Empire Industrial Estate, Kondivita Lane, J.B. Nagar, Andheri (East), Mumbai-400059, Maharashtra, India. "POT". 14th September 2000.

Class 3 No. 183427. M/s. Joyo Plastics an Indian Partnership firm of 15-A/F, New Empire Industrial Estate, Kondivita Lane, J.B. Nagar, Andheri (East), Mumbai-400059, Maharashtra, India. "TRAY". 14th September 2000.

Class 3 No 183510 & 183511 Symphony Comfort systems Limited, an Indian Company, Sanskrit, High Court Road, Navrangpara, Ahmedabad-380009, Gujarat, India "AIR COOLER" 25th September 2000

Class 3 No 183703 M S Kishore Industries Ashurwad Industrial Estate Ram Mandir Road, Bldg. No 05, 1st Floor Goregaon West, Mumbai-400104, State of Maharashtra, India "SWITCH" 17th October 2000

Class 3 No 183705 Thermoplast Industries (P) Ltd. Sharma Industrial Estate, 108, 1st floor, Udyog Bhavan, Goregaon (East) Mumbai-400063, State of Maharashtra "BOTTLE". 17th October 2000.

Class 3 No 183718. Crystal Plastics & Metallizing Pvt. Ltd. an Indian Company at Singh House, Plash Gudi, off Veer Savarkar Marg, Prabhadevi, Mumbai-400025, Maharashtra, India. "PLASTIC COMB". 18th October 2000.

Class 4 No 182876 Boucheron Holding of 26 Place Vendôme-75001, "PERFUME BOTTLE". 14th July 2000.

Class 4 No 183292 M R S Products Pvt. Ltd. of 4-A, Sayed Sally Street (5th Floor Room No. 42) Calcutta-700073, (W B ) an Indian Pvt. Ltd. Company. "BOTTLE" 25th August 2000.

Class 10 No 183608. Centto Polymers of 4, North Arjun Nagar, Agra, (U.P.) an Indian partnership concern. "SOLE OF FOOTWEAR". 9th October 2000.

H. D. THAKUR  
Controller General of Patents  
Designs & Trade Marks

प्रबन्धक, भारत सरकार मन्त्रालय, फरीदाबाद द्वारा मुद्रित

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